

Abstract

The invention relates to an injector for injecting fuel that is at high pressure into the combustion chambers of an internal combustion engine. A control part (4) which is movable up and down by actuator actuation is received in a bore (3) in the housing (2) of the injector (1). By means of the actuator, the control part (4) is movable into a position that enables the fuel delivery into a nozzle inlet (10, 11). The valve chamber (8, 38) in the housing (2) of the injector (1) can be opened and closed during the injection phases (41, 42) by control edges (36, 37) toward the control part, while the pressure relief of the injection system (11, 12, 34) is effected via slide portions (13, 21) disposed on the control part (4).

(Fig. 1)